

Abstract

Gas Generator

A gas generator comprises a container (12) filled with a pressurized fluid (14) and having an outflow opening (16), and a piston (20; 120) which is displaceably
5 arranged in the container (12). The piston has a shutter opening (22; 122) dividing
the container (12) into a first chamber (24) and a second chamber (26), the first
and second chambers (24, 26) being filled with the fluid (14). The piston (20; 120)
on activation of the gas generator (10; 100) and when the outflow opening (16)
has been opened, is moved by a pressure prevailing in the second chamber (26)
10 from a predetermined initial position (AP) in the direction towards the outflow
opening (16) into an end position (EP) in which the end volume of the first
chamber (24) is significantly reduced compared with the start volume of the first
chamber (24). There is also proposed a method of operating such gas generator.

ET 924151035 US

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